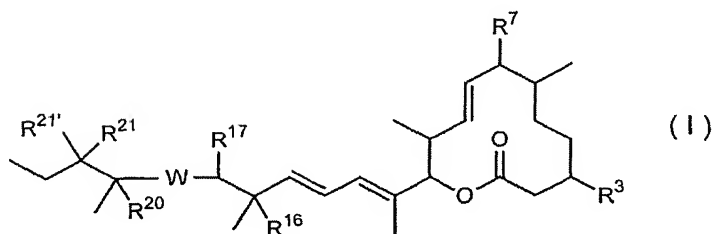
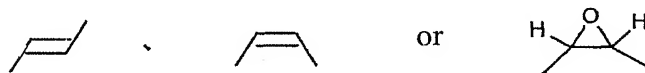


**AMENDMENTS TO THE CLAIMS**

1. (Currently amended) A compound represented by the formula (I):



wherein W represents



and R<sup>3</sup>, R<sup>7</sup>, R<sup>16</sup>, R<sup>17</sup>, R<sup>20</sup>, R<sup>21</sup> and R<sup>21'</sup>, the same or different, independently represent

- 1) a hydrogen atom,
- 2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by R<sup>3</sup> or R<sup>7</sup> in combination with a carbon atom to which R<sup>3</sup> or R<sup>7</sup> is bonded, and an oxo group formed by R<sup>21</sup> and R<sup>21'</sup> together in combination with the carbon atom to which R<sup>21</sup> and R<sup>21'</sup> are bonded,
- 3) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
- 4) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
- 5) a C<sub>7</sub> to C<sub>22</sub> aralkyloxy group which may have a substituent,
- 6) a 5-membered to 14-membered heteroaralkyloxy group which may have a substituent,

7)  $\text{RC}(=\text{Y})\text{-O-}$ , wherein Y represents an oxygen atom or sulfur atom, and R represents

- a) a hydrogen atom,
- b) a  $\text{C}_1$  to  $\text{C}_{22}$  alkyl group which may have a substituent,
- c) an unsaturated  $\text{C}_2$  to  $\text{C}_{22}$  alkyl group which may have a substituent,
- d) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent,
- e) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- f) a  $\text{C}_7$  to  $\text{C}_{22}$  aralkyl group which may have a substituent,
- g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- h) a  $\text{C}_1$  to  $\text{C}_{22}$  alkoxy group which may have a substituent,
- i) an unsaturated  $\text{C}_2$  to  $\text{C}_{22}$  alkoxy group which may have a substituent,
- j) a  $\text{C}_6$  to  $\text{C}_{14}$  aryloxy group which may have a substituent,
- k) a  $\text{C}_3$  to  $\text{C}_{14}$  cycloalkyl group which may have a substituent,
- l) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or
- m) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,

8)  $\text{R}^{\text{S}1}\text{R}^{\text{S}2}\text{R}^{\text{S}3}\text{SiO-}$ , wherein  $\text{R}^{\text{S}1}$ ,  $\text{R}^{\text{S}2}$  and  $\text{R}^{\text{S}3}$ , the same or different, independently represent

- a) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group or
- b) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group,

9) a halogen atom,

10)  $\text{R}^{\text{N}1}\text{R}^{\text{N}2}\text{N-R}^{\text{M}-}$ , wherein  $\text{R}^{\text{M}}$  represents

a) a single bond,

b) -CO-O-,

c) -SO<sub>2</sub>-O-,

d) -CS-O- or

e) -CO-NR<sup>N3</sup>-, wherein R<sup>N3</sup> represents a hydrogen atom or a C<sub>1</sub> to C<sub>6</sub> alkyl group

which may have a substituent, provided that, the leftmost bond in b) to e) is bonded to the nitrogen atom,

R<sup>N1</sup> and R<sup>N2</sup>, the same or different, independently represent

a) a hydrogen atom,

b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

c) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,

d) an aliphatic C<sub>2</sub> to C<sub>22</sub> acyl group which may have a substituent,

e) an aromatic C<sub>7</sub> to C<sub>15</sub> acyl group which may have a substituent,

f) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

g) a 5-membered to 14-membered heteroaryl group which may have a substituent,

h) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent,

i) a C<sub>1</sub> to C<sub>22</sub> alkylsulfonyl group which may have a substituent,

j) a C<sub>6</sub> to C<sub>14</sub> arylsulfonyl group which may have a substituent,

k) a 3-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>N1</sup> and R<sup>N2</sup> together in combination with the nitrogen atom to which R<sup>N1</sup> and R<sup>N2</sup> are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

l) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

m) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent or

n) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,

11) R<sup>N4</sup>SO<sub>2</sub>-O-, wherein R<sup>N4</sup> represents

a) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

b) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

c) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

d) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

e) a C<sub>6</sub> to C<sub>14</sub> aryloxy group which may have a substituent,

f) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,

g) a C<sub>7</sub> to C<sub>22</sub> aralkyloxy group which may have a substituent or

h) a 5-membered to 14-membered heteroaralkyloxy group which may have a substituent,

12) (R<sup>N5</sup>O)<sub>2</sub>PO-O-, wherein R<sup>N5</sup> represents

a) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

b) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,

c) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

d) a 5-membered to 14-membered heteroaryl group which may have a substituent,

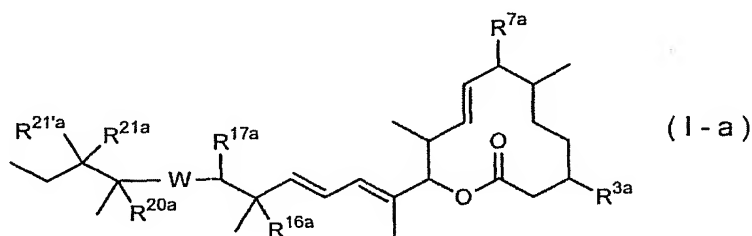
e) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent or

f) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

13)  $(R^{N1}R^{N2}N)_2PO-O-$ , wherein  $R^{N1}$  and  $R^{N2}$  are the same as defined above or

14)  $(R^{N1}R^{N2}N)(R^{N5}O)PO-O-$ , wherein  $R^{N1}$ ,  $R^{N2}$  and  $R^{N5}$  are the same as defined above; or a pharmacologically acceptable salt thereof, ~~or a hydrate thereof.~~

2. (Currently amended) The compound according to claim 1 represented by the formula (I-a):



wherein W is the same as defined above, and  $R^{3a}$ ,  $R^{7a}$ ,  $R^{16a}$ ,  $R^{17a}$ ,  $R^{20a}$ ,  $R^{21a}$  and  $R^{21a'}$ , the same or different, independently represent

- 1) a hydrogen atom,
- 2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by  $R^{3a}$  or  $R^{7a}$  in combination with the carbon atom to which  $R^{3a}$  or  $R^{7a}$  is bonded, and an oxo group formed by  $R^{21a}$  and  $R^{21a'}$  together in combination with a carbon atom to which  $R^{21a}$  and  $R^{21a'}$  are bonded,
- 3) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,

4)  $R^aC(=Y^a)-O-$ , wherein  $Y^a$  represents an oxygen atom or sulfur atom, and  $R^a$  represents

- a) a hydrogen atom,
- b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- c) an unsaturated  $C_2$  to  $C_{22}$  alkyl group which may have a substituent,
- d) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- e) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- f) a  $C_7$  to  $C_{22}$  aralkyl group which may have a substituent,
- g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- h) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- i) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
- j) a  $C_6$  to  $C_{14}$  aryloxy group which may have a substituent,
- k) a  $C_3$  to  $C_{14}$  cycloalkyl group which may have a substituent,
- l) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or
- m) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,

5)  $R^{aS1}R^{aS2}R^{aS3}SiO-$ , wherein  $R^{aS1}$ ,  $R^{aS2}$  and  $R^{aS3}$ , the same or different, independently represent

- a) a  $C_1$  to  $C_6$  alkyl group or
  - b) a  $C_6$  to  $C_{14}$  aryl group or
- 6)  $R^{aN1}R^{aN2}N-R^{aM}-$ , wherein  $R^{aM}$  represents

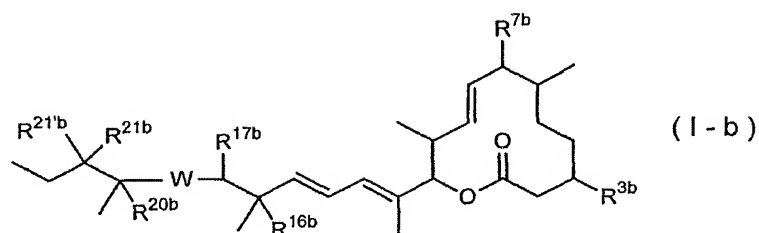
- a)  $-CO-O-$  or

b)  $\text{--CS-O--}$ , provided that, in the leftmost bond a) or b) is bonded to the nitrogen atom, and

$\text{R}^{\text{aN1}}$  and  $\text{R}^{\text{aN2}}$ , the same or different, independently represent

- a) a hydrogen atom,
- b) a  $\text{C}_1$  to  $\text{C}_{22}$  alkyl group which may have a substituent,
- c) an unsaturated  $\text{C}_2$  to  $\text{C}_{22}$  alkyl group which may have a substituent,
- d) an aliphatic  $\text{C}_2$  to  $\text{C}_{22}$  acyl group which may have a substituent,
- e) an aromatic  $\text{C}_7$  to  $\text{C}_{15}$  acyl group which may have a substituent,
- f) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent,
- g) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- h) a  $\text{C}_7$  to  $\text{C}_{22}$  aralkyl group which may have a substituent,
- i) a  $\text{C}_1$  to  $\text{C}_{22}$  alkylsulfonyl group which may have a substituent,
- j) a  $\text{C}_6$  to  $\text{C}_{14}$  arylsulfonyl group which may have a substituent,
- k) a 3-membered to 14-membered non-aromatic heterocyclic group formed by  $\text{R}^{\text{aN1}}$  and  $\text{R}^{\text{aN2}}$  together in combination with the nitrogen atom to which  $\text{R}^{\text{aN1}}$  and  $\text{R}^{\text{aN2}}$  are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,
- l) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- m) a  $\text{C}_3$  to  $\text{C}_{14}$  cycloalkyl group which may have a substituent or
- n) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

3. (Currently amended) The compound according to claim 1 represented by the formula (I-b):



wherein W is the same as defined above, and  $R^{3b}$ ,  $R^{7b}$ ,  $R^{16b}$ ,  $R^{17b}$ ,  $R^{20b}$ ,  $R^{21b}$  and  $R^{21'b}$ , the same or different, independently represent

- 1) a hydrogen atom,
- 2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by  $R^{3b}$  or  $R^{7b}$  in combination with the carbon atom to which  $R^{3b}$  or  $R^{7b}$  is bonded, and an oxo group formed by  $R^{21b}$  and  $R^{21'b}$  together in combination with the carbon atom to which  $R^{21b}$  and  $R^{21'b}$  are bonded,
- 3) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- 4)  $R^bC(=O)-O-$ , wherein  $R^b$  represents
  - a) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
  - b) an unsaturated  $C_2$  to  $C_{22}$  alkyl group which may have a substituent,
  - c) a  $C_7$  to  $C_{22}$  aralkyl group which may have a substituent,
  - d) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
  - e) a  $C_6$  to  $C_{14}$  aryloxy group which may have a substituent,



f) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent or

g) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,

5) R<sup>bS1</sup>R<sup>bS2</sup>R<sup>bS3</sup>SiO-, wherein R<sup>bS1</sup>, R<sup>bS2</sup> and R<sup>bS3</sup>, the same or different, independently represent

a) a C<sub>1</sub> to C<sub>6</sub> alkyl group or

b) a C<sub>6</sub> to C<sub>14</sub> aryl group or

6) R<sup>bN1</sup>R<sup>bN2</sup>N-R<sup>bM</sup>-, wherein R<sup>bM</sup> represents

a) -CO-O- or

b) -CS-O-, provided that, the leftmost bond in a) or b) is bonded to the nitrogen atom, and

R<sup>bN1</sup> and R<sup>bN2</sup>, the same or different, independently represent

a) a hydrogen atom,

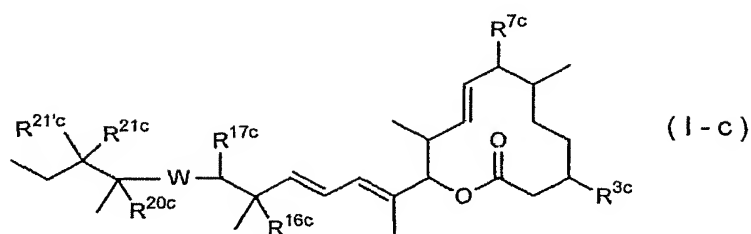
b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

c) a 3-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>bN1</sup> and R<sup>bN2</sup> together in combination with the nitrogen atom to which R<sup>bN1</sup> and R<sup>bN2</sup> are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

d) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent or

e) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

4. (Currently amended) The compound according to claim 1 represented by the formula (I-c):



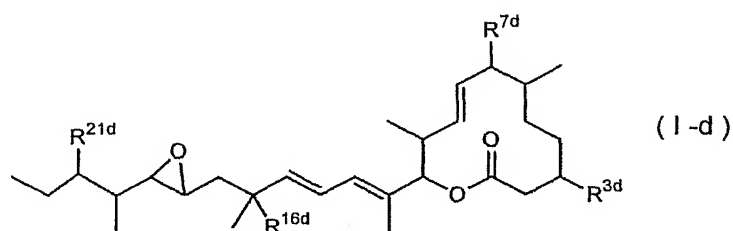
wherein W is the same as defined above, and  $R^{3c}$ ,  $R^{7c}$ ,  $R^{16c}$ ,  $R^{17c}$ ,  $R^{20c}$ ,  $R^{21c}$  and  $R^{21c'}$ , the same or different, independently represent

- 1) a hydrogen atom,
- 2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by  $R^{3c}$  or  $R^{7c}$  in combination with the carbon atom to which  $R^{3c}$  or  $R^{7c}$  is bonded, and an oxo group formed by  $R^{21c}$  and  $R^{21c'}$  together in combination with the carbon atom to which  $R^{21c}$  and  $R^{21c'}$  are bonded,
- 3)  $R^cC(=O)-O-$ , wherein  $R^c$  represents a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- 4)  $R^{cS1}R^{cS2}R^{cS3}SiO-$ , wherein  $R^{cS1}$ ,  $R^{cS2}$  and  $R^{cS3}$ , the same or different, independently represent
  - a) a  $C_1$  to  $C_6$  alkyl group or
  - b) a  $C_6$  to  $C_{14}$  aryl group or
- 5)  $R^{cN1}R^{cN2}N-R^{cM}-$ , wherein  $R^{cM}$  represents  $-CO-O-$ , provided that the leftmost bond is bonded to the nitrogen atom, and

$R^{cN1}$  and  $R^{cN2}$ , the same or different, independently represent

- a) a hydrogen atom,
- b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,
- c) a 3-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>cN1</sup> and R<sup>cN2</sup> together in combination with the nitrogen atom to which R<sup>cN1</sup> and R<sup>cN2</sup> are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,
- d) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent or
- e) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

5. (Currently Amended) The compound according to claim 1 represented by the formula (I-d):



wherein R<sup>3d</sup> and R<sup>16d</sup>, the same or different, independently represent

- 1) a hydroxyl group,
- 2) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
- 3) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

4) a C<sub>7</sub> to C<sub>22</sub> aralkyloxy group which may have a substituent,

5) R<sup>d</sup>C(=O)-O-, wherein R<sup>d</sup> represents

a) a hydrogen atom,

b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

c) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,

d) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

e) a 5-membered to 14-membered heteroaryl group which may have a substituent,

f) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent,

g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

h) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

i) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

j) a C<sub>6</sub> to C<sub>14</sub> aryloxy group which may have a substituent or

k) a 5-membered to 14-membered heteroaryloxy group which may have a substituent or

6) R<sup>dN1</sup>R<sup>dN2</sup>N-CO-O-, wherein R<sup>dN1</sup> and R<sup>dN2</sup>, the same or different, independently represent

a) a hydrogen atom,

b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

c) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,

d) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

e) a 5-membered to 14-membered heteroaryl group which may have a substituent,

f) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent,

g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

h) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent,

i) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or

j) a 3-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>dN1</sup> and R<sup>dN2</sup> together in combination with the nitrogen atom to which R<sup>dN1</sup> and R<sup>dN2</sup> are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent, and

R<sup>7d</sup> and R<sup>21d</sup>, the same or different, independently represent

- 1) a hydroxyl group,
- 2) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
- 3) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
- 4) a C<sub>7</sub> to C<sub>22</sub> aralkyloxy group which may have a substituent,
- 5) R<sup>d</sup>C(=O)-O-, wherein R<sup>d</sup> is the same as defined above,
- 6) R<sup>dN1</sup>R<sup>dN2</sup>N-CO-O-, wherein R<sup>dN1</sup> and R<sup>dN2</sup> are the same as defined above,
- 7) R<sup>dN1</sup>R<sup>dN2</sup>N-SO<sub>2</sub>-O-, wherein R<sup>dN1</sup> and R<sup>dN2</sup> are the same as defined above,
- 8) R<sup>dN1</sup>R<sup>dN2</sup>N-CS-O-, wherein R<sup>dN1</sup> and R<sup>dN2</sup> are the same as defined above,
- 9) R<sup>dN4</sup>-SO<sub>2</sub>-O-, wherein R<sup>dN4</sup> represents

a) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

b) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

c) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

- d) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
- e) a C<sub>6</sub> to C<sub>14</sub> aryloxy group which may have a substituent,
- f) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,
- g) a C<sub>7</sub> to C<sub>22</sub> aralkyloxy group which may have a substituent or
- h) a 5-membered to 14-membered heteroaralkyloxy group which may have a substituent,

10) (R<sup>dN5</sup>O)<sub>2</sub>PO-O-, wherein R<sup>dN5</sup> represents

- a) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,
- b) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,
- c) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
- d) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- e) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent or
- f) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

11) (R<sup>dN1</sup>R<sup>dN2</sup>N)<sub>2</sub>PO-O-, wherein R<sup>dN1</sup> and R<sup>dN2</sup> are the same as defined above or

12) (R<sup>dN1</sup>R<sup>dN2</sup>N)(R<sup>dN5</sup>O)PO-O-, wherein R<sup>dN1</sup>, R<sup>dN2</sup> and R<sup>dN5</sup> are the same as defined above; or a pharmacologically acceptable salt thereof, ~~or a hydrate thereof.~~

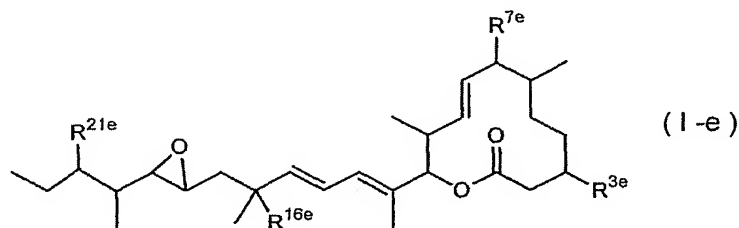
6. (Currently amended) The compound according to claim 1, wherein R<sup>7</sup> and/or R<sup>21</sup> are independently represented by RC(=Y)-O-, wherein Y and R are the same as defined above or R<sup>N1</sup>R<sup>N2</sup>N-R<sup>M'</sup>-, wherein R<sup>M'</sup> represents

a) -CO-O- or

b) -CS-O-, provided that, the leftmost bond in a) or b) is bonded to the nitrogen atom, and

$R^{N1}$  and  $R^{N2}$  are the same as defined above; or a pharmacologically acceptable salt thereof, ~~or a hydrate thereof.~~

7. (Currently Amended) The compound according to claim 5 represented by the formula (I-e):



wherein  $R^{3e}$ ,  $R^{16e}$  and  $R^{21e}$ , the same or different, independently represent

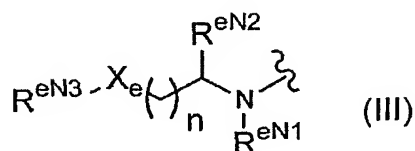
- 1) a hydroxyl group,
- 2) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
- 4) a  $C_7$  to  $C_{22}$  aralkyloxy group which may have a substituent,
- 5) an aliphatic  $C_2$  to  $C_6$  acyl group which may have a substituent or
- 6)  $R^{eN1}R^{eN2}N-CO-O-$ , wherein  $R^{eN1}$  and  $R^{eN2}$  independently represent

a) a hydrogen atom or

b) a  $C_1$  to  $C_6$  alkyl group which may have a substituent, and

$R^{7e}$  represents  $R^e-C(=Y^e)-O-$ , wherein  $Y^e$  represents an oxygen atom or sulfur atom, and  $R^e$  represents

- a) a hydrogen atom,
- b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- c) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- d) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- e) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- f) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- g) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent
- h) a group of the formula (III):



wherein A) n represents an integer of 0 to 4,

$X_e$  represents

- i)  $-\text{CHR}^{eN4}-$ ,
- ii)  $-\text{NR}^{eN5}-$ ,
- iii)  $-\text{O}-$ ,
- iv)  $-\text{S}-$ ,



v)  $-\text{SO}-$  or

vi)  $-\text{SO}_2-$ ,

$\text{R}^{\text{eN1}}$  represents

i) a hydrogen atom or

ii) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

$\text{R}^{\text{eN2}}$  represents

i) a hydrogen atom or

ii) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

$\text{R}^{\text{eN3}}$  and  $\text{R}^{\text{eN4}}$ , the same or different, independently represent

i) a hydrogen atom,

ii) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

iii) an unsaturated  $\text{C}_2$  to  $\text{C}_{10}$  alkyl group which may have a substituent,

iv) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent,

v) a 5-membered to 14-membered heteroaryl group which may have a substituent,

vi) a  $\text{C}_7$  to  $\text{C}_{10}$  aralkyl group which may have a substituent,

vii) a  $\text{C}_3$  to  $\text{C}_8$  cycloalkyl group which may have a substituent,

viii) a  $\text{C}_4$  to  $\text{C}_9$  cycloalkylalkyl group which may have a substituent,

ix) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

x) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,

xi)  $-\text{NR}^{\text{eN6}}\text{R}^{\text{eN7}}$ , wherein  $\text{R}^{\text{eN6}}$  and  $\text{R}^{\text{eN7}}$ , the same or different, independently

represent a hydrogen atom or a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent or

xii) a 5-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>eN3</sup> and R<sup>eN4</sup> together in combination with the carbon atom to which R<sup>eN3</sup> and R<sup>eN4</sup> are bonded, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent, and

R<sup>eN5</sup> represents

- i) a hydrogen atom,
- ii) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,
- iii) an unsaturated C<sub>2</sub> to C<sub>10</sub> alkyl group which may have a substituent,
- iv) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
- v) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- vi) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,
- vii) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
- viii) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
- ix) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- x) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or

xi) a 5-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>eN3</sup> and R<sup>eN5</sup> together in combination with the nitrogen atom to which R<sup>eN3</sup> and R<sup>eN5</sup> are bonded, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

B)

$X_e$ ,  $n$ ,  $R^{eN3}$ ,  $R^{eN4}$  and  $R^{eN5}$  independently represent the same group as defined above, and  $R^{eN1}$  and  $R^{eN2}$  independently represent a 5-membered to 14-membered non-aromatic heterocyclic group formed by  $R^{eN1}$  and  $R^{eN2}$  together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

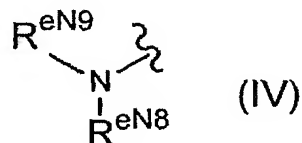
C)

$X_e$ ,  $n$ ,  $R^{eN2}$ ,  $R^{eN4}$  and  $R^{eN5}$  independently represent the same group as defined above, and  $R^{eN1}$  and  $R^{eN3}$  independently represent a 5-membered to 14-membered non-aromatic heterocyclic group formed by  $R^{eN1}$  and  $R^{eN3}$  together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

D)

$X_e$ ,  $n$ ,  $R^{eN1}$ ,  $R^{eN4}$  and  $R^{eN5}$  independently represent the same group as defined above, and  $R^{eN2}$  and  $R^{eN3}$  independently represent a 5-membered to 14-membered non-aromatic heterocyclic group formed by  $R^{eN2}$  and  $R^{eN3}$  together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

i) a group of the formula (IV):



wherein  $R^{eN8}$  and  $R^{eN9}$ , the same or different, independently represent

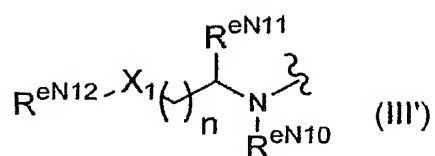
i) a hydrogen atom,

ii) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,  
iii) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,  
iv) a 5-membered to 14-membered heteroaryl group which may have a substituent,  
v) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent or  
vi) a 5-membered to 14-membered heteroaralkyl group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

8. (Currently amended) The compound according to claim 5, wherein R<sup>7e</sup> and/or R<sup>21e</sup> are independently represented by R<sup>e1</sup>C(=Y<sup>e1</sup>)-O-, wherein Y<sup>e1</sup> represents an oxygen atom or sulfur atom, and R<sup>e1</sup> represents

1) a hydrogen atom,  
2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,  
3) a C<sub>6</sub> to C<sub>10</sub> aryl group which may have a substituent,  
4) a 5-membered to 14-membered heteroaryl group which may have a substituent,  
5) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent or  
6) a 5-membered to 14-membered heteroaralkyl group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

9. (Currently amended) The compound according to claim 5, wherein R<sup>7e</sup> and/or R<sup>21e</sup> are independently represented by R<sup>e2</sup>C(=Y<sup>e2</sup>)-O-, wherein Y<sup>e2</sup> represents an oxygen atom or sulfur atom, and R<sup>e2</sup> represents a group of the formula (III'):



wherein A) n represents an integer of 0 to 4,

X<sub>1</sub> represents

- 1) -CHR<sup>eN13</sup>-,
- 2) -NR<sup>eN14</sup>-,
- 3) -O-,
- 4) -S-,
- 5) -SO- or
- 6) -SO<sub>2</sub>-,

R<sup>eN10</sup> and R<sup>eN11</sup>, the same or different, independently represent

- 1) a hydrogen atom or
- 2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,

R<sup>eN12</sup> and R<sup>eN13</sup>, the same or different, independently represent

- 1) a hydrogen atom,
- 2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,
- 3) an unsaturated C<sub>2</sub> to C<sub>10</sub> alkyl group which may have a substituent,
- 4) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,

- 7) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
- 8) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- 10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,
- 11) -NR<sup>eN15</sup>R<sup>eN16</sup>, wherein R<sup>eN15</sup> and R<sup>eN16</sup>, the same or different, independently represent a hydrogen atom or a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent, or
- 12) a 5-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>eN12</sup> and R<sup>eN13</sup> together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent, and R<sup>eN14</sup> represents
  - 1) a hydrogen atom,
  - 2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,
  - 3) an unsaturated C<sub>2</sub> to C<sub>10</sub> alkyl group which may have a substituent,
  - 4) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
  - 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
  - 6) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,
  - 7) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
  - 8) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
  - 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,

11) a 5-membered to 14-membered non-aromatic heterocyclic group formed together by the nitrogen atom to which  $R^{eN14}$  is bonded, and one substituent selected from the group consisting of  $R^{eN10}$ ,  $R^{eN11}$  and  $R^{eN12}$ , wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

12) a 5-membered to 14-membered non-aromatic heterocyclic group formed together by the nitrogen atom to which  $R^{eN14}$  is bonded, and two substituents selected from the group consisting of  $R^{eN10}$ ,  $R^{eN11}$  and  $R^{eN12}$ , wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

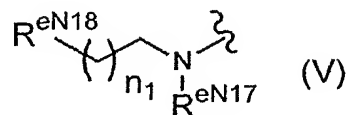
B)

n,  $X_1$ ,  $R^{eN11}$ ,  $R^{eN13}$  and  $R^{eN14}$  are the same as defined above, and  $R^{eN10}$  and  $R^{eN12}$  together form a 5-membered to 14-membered non-aromatic heterocyclic group, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

10. (Currently amended) The compound according to claim 5, wherein  $X_1$  represents  $-NR^{eN14}-$ , wherein  $NR^{eN14}$  is the same as defined above; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

11. (Currently amended) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e3}C(=Y^{e3})-O-$ , wherein  $Y^{e3}$  represents an oxygen atom or sulfur

atom, and  $R^{e3}$  represents a group of the formula (V):



wherein  $n_1$  represents an integer of 0 to 6,

$R^{eN17}$  represents

- 1) a hydrogen atom or
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent, and

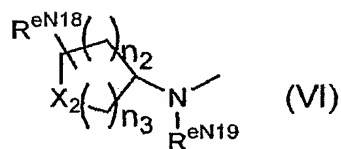
$R^{eN18}$  represents

- 1) a hydrogen atom,
- 2) an amino group which may have a substituent,
- 3) a pyridyl group which may have a substituent,
- 4) a pyrrolidin-1-yl group which may have a substituent,
- 5) a piperidin-1-yl group which may have a substituent,
- 6) a morpholin-4-yl group which may have a substituent or
- 7) a piperazin-1-yl group which may have a substituent; or a pharmacologically

acceptable salt thereof, ~~or a hydrate thereof.~~



12. (Currently amended) The compound according to claim 5, wherein  $R^{7c}$  and/or  $R^{21e}$  independently represent  $R^{e4}CO-O-$ , wherein  $R^{e4}$  represents a group of the formula (VI):



wherein  $n_2$  and  $n_3$ , the same or different, independently represent an integer of 0 to 4,

$X_2$  represents

- 1)  $-CHR^{eN21}-$ ,
- 2)  $-NR^{eN22}-$ ,
- 3)  $-O-$ ,
- 4)  $-S-$ ,
- 5)  $-SO-$  or
- 6)  $-SO_2-$ ,

$R^{eN19}$  represents

- 1) a hydrogen atom or
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,

$R^{eN20}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent or
- 4) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,

$R^{eN21}$  represents

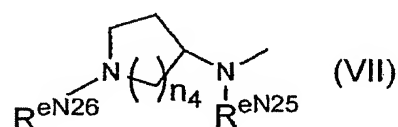
- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{10}$  alkyl group which may have a substituent,
- 4) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- 7) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 8) a  $C_4$  to  $C_9$  cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- 10)  $-NR^{eN23}R^{eN24}$ , wherein  $R^{eN23}$  and  $R^{eN24}$ , the same or different, independently represent a hydrogen atom or a  $C_1$  to  $C_6$  alkyl group which may have a substituent or
- 11) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent, and

$R^{eN22}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{10}$  alkyl group which may have a substituent,
- 4) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,

- 7) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
- 8) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent or
- 10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

13. (Currently amended) The compound according to claim 5, wherein R<sup>7e</sup> and/or R<sup>21e</sup> independently represent R<sup>e5</sup>CO-O-, wherein R<sup>e5</sup> represents a group of the formula (VII):



wherein n<sub>4</sub> represents 1 or 2,

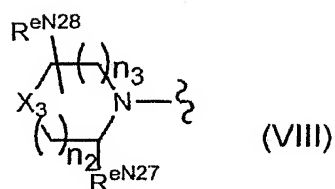
R<sup>eN25</sup> represents

- 1) a hydrogen atom or
- 2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent, and

R<sup>eN26</sup> represents

- 1) a hydrogen atom or
- 2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

14. (Currently amended) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e6}CO-O-$ , wherein  $R^{e6}$  represents a group of the formula (VIII):



wherein  $n_2$  and  $n_3$ , the same or different, independently represent an integer of 0 to 4,

$X_3$  represents

- 1)  $-CHR^{eN29}-$ ,
- 2)  $-NR^{eN30}-$ ,
- 3)  $-O-$ ,
- 4)  $-S-$ ,
- 5)  $-SO-$  or
- 6)  $-SO_2-$ ,

$R^{eN27}$  represents

- 1) a hydrogen atom or
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,

$R^{eN28}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent or
- 4) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,

$R^{eN29}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{10}$  alkyl group which may have a substituent,
- 4) a  $C_1$  to  $C_6$  alkoxy group which may have a substituent,
- 5) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 6) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 7) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- 8) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 9) a  $C_4$  to  $C_9$  cycloalkylalkyl group which may have a substituent,
- 10) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

11)  $-NR^{eN31}R^{eN32}$ , wherein  $R^{eN31}$  and  $R^{eN32}$ , the same or different, independently represent a hydrogen atom or a  $C_1$  to  $C_6$  alkyl group which may have a substituent, or form a 5-membered to 14-membered non-aromatic heterocyclic group together with the nitrogen atom to which  $R^{eN31}$  and  $R^{eN32}$  are bonded or

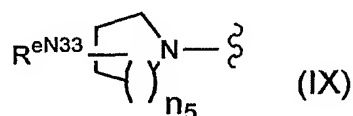
12) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent, and

$R^{eN30}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{10}$  alkyl group which may have a substituent,

- 4) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,
- 7) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
- 8) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent or
- 10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

15. (Currently amended) The compound according to claim 5, wherein R<sup>7c</sup> and/or R<sup>21e</sup> independently represent R<sup>e7</sup>CO-O-, wherein R<sup>e7</sup> represents a group of the formula (IX):



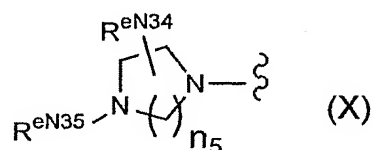
wherein n<sub>5</sub> represents an integer of 1 to 3, and

R<sup>eN33</sup> represents

- 1) an amino group,
- 2) an amino group which may have a substituent,
- 3) a pyrrolidin-1-yl group which may have a substituent,
- 4) a piperidin-1-yl group which may have a substituent or
- 5) a morpholin-4-yl group which may have a substituent; or a pharmacologically

acceptable salt thereof, ~~or a hydrate thereof.~~

16. (Currently amended) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e8}CO-O-$ , wherein  $R^{e8}$  represents a group of the formula (X):



wherein  $n_5$  represents an integer of 1 to 3,

$R^{eN34}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent or
- 4) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent, and

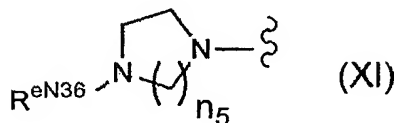
$R^{eN35}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 4) a 3-membered to 8-membered non-aromatic heterocyclic group which may have a substituent,
- 5) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 6) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 7) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,

8) a 5-membered to 14-membered heteroaralkyl group which may have a substituent or

9) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

17. (Currently amended) The compound according to claim 5, wherein R<sup>7e</sup> and/or R<sup>21e</sup> independently represent R<sup>e9</sup>CO-O-, wherein R<sup>e9</sup> represents a group of the formula (XI):



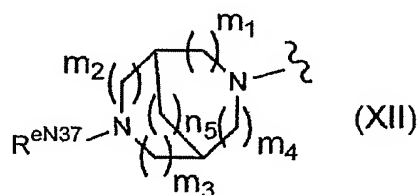
wherein n<sub>5</sub> represents an integer of 1 to 3, and

R<sup>eN36</sup> represents

- 1) a hydrogen atom,
- 2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,
- 3) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
- 4) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
- 5) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,
- 6) a pyridyl group which may have a substituent or
- 7) a tetrahydropyranyl group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~



18. (Currently amended) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e10}CO-O-$ , wherein  $R^{e10}$  represents a group of the formula (XII):



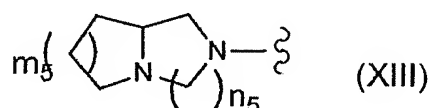
wherein  $m_1$ ,  $m_2$ ,  $m_3$ , and  $m_4$ , the same or different, independently represent 0 or 1,

$n_5$  represents an integer of 1 to 3, and

$R^{eN37}$  represents

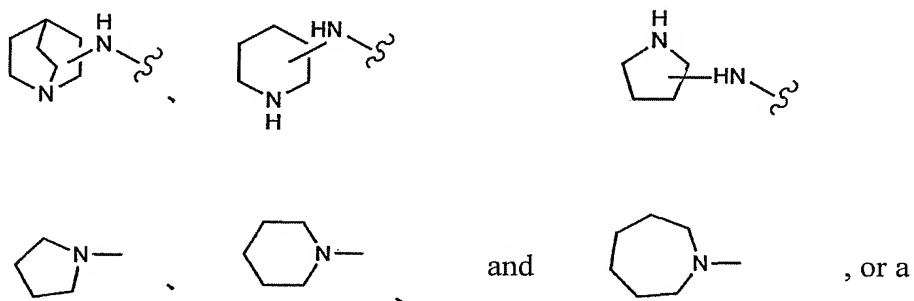
- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{10}$  alkyl group which may have a substituent,
- 4) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- 7) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 8) a  $C_4$  to  $C_9$  cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent or
- 10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

19. (Currently amended) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e11}CO-O-$ , wherein  $R^{e11}$  represents a group of the formula (XIII):

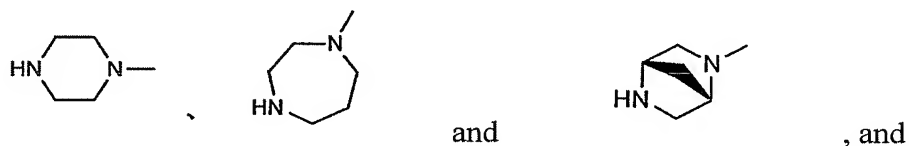


wherein  $m_5$  represents an integer of 1 to 3, and  $n_5$  represents 2 or 3; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

20. (Currently amended) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e12}CO-O-$ , wherein  $R^{e12}$  represents a group selected from a group consisting of:



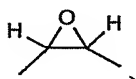
group selected from a group consisting of



both of which may have a substituent on the ring; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

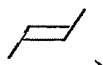
21. (Currently amended) The compound according to claim 1, wherein  $R^{16}$  is a hydroxyl group; or a pharmacologically acceptable salt thereof; ~~or a hydrate thereof.~~

22. (Currently amended) The compound according to claim 1, wherein  
[1] W is



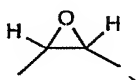
$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[2] W is



$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

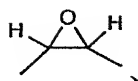
[3] W is



$R^3$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a

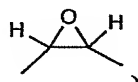
hydrogen atom,

[4] W is



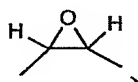
$R^{21}$  and  $R^{21'}$  form an oxo group together with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,  $R^3$ ,  $R^{16}$  and  $R^{20}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  is a hydrogen atom,

[5] W is



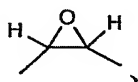
$R^3$ ,  $R^{16}$ ,  $R^{20}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  and  $R^{21'}$  are a hydrogen atom,

[6] W is



$R^3$ ,  $R^7$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[7] W is



$R^3$ ,  $R^{17}$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{20}$  and  $R^{21'}$  are a hydrogen atom or

[8] W is



$R^{21}$  and  $R^{21'}$  form an oxo group together with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,  $R^3$  and  $R^{16}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  and  $R^{20}$  are a hydrogen atom; or a pharmacologically acceptable salt thereof, or a hydrate thereof.

23. (Original) The compound according to claim 1, which is (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-methylpiperazin-1-yl)carbonyl)oxy-18,19-epoxytricoso-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-methylhomopiperazin-1-yl)carbonyl)oxy-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-(piperidin-1-yl)piperidin-1-yl)carbonyl)oxy-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-7-((4-ethylpiperazin-1-yl)carbonyl)oxy-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide, (8E,12E,14E)-7-(N-(3-(N',N'-dimethylamino)propyl)-N-methylcarbamoyloxy)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((piperazin-1-yl)carbonyl)oxy-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(N-methyl-N-(1-

methylnpiperidin-4-yl)carbamoxyloxy)-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-7-((4-isopropylhomopiperazin-1-

yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-7-((4-(4-hydroxypiperidin-1-yl)piperidin-1-

yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-(morpholin-4-yl)piperidin-1-yl)carbonyl)oxy-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-7-((4-ethylhomopiperazin-1-yl)carbonyl)oxy-3,16,21-trihydroxy-

6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-

trihydroxy-7-((4-isopropylpiperazin-1-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-

epoxytricoso-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-7-(((1S,4S)-5-isopropyl-2,5-diazabicyclo[2.2.1]heptan-2-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-

epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-7-(N-(2-(N',N'-dimethylamino)ethyl)-N-methylcarbamoxyloxy)-

3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-7-(N-(2-(N',N'-dimethylamino)ethyl)carbamoxyloxy)-3,16,21-

trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide or

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(((1S,4S)-5-

methyl-2,5-diazabicyclo[2.2.1]heptan-2-yl)carbonyl)oxy-18,19-epoxytricoso-8,12,14-trien-11-olide.

24. (Original) The compound according to claim 1, which is (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(N-methyl-N-(1-methylpiperidin-4-yl)carbamoyloxy)-18,19-epoxytricoso-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-7-((4-isopropylhomopiperazin-1-yl) carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide, (8E,12E,14E)-7-((4-ethylhomopiperazin-1-yl)carbonyl)oxy-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-7-((4-isopropylpiperazin-1-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricoso-8,12,14-trien-11-olide or (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(((1S,4S)-5-methyl-2,5-diazabicyclo[2.2.1]heptan-2-yl)carbonyl)oxy-18,19-epoxytricoso-8,12,14-trien-11-olide.

25. (Currently amended) A pharmaceutical composition comprising the compound according to claim 1 in a therapeutically effective amount, or a pharmacologically acceptable salt thereof, ~~or a hydrate thereof~~ as an active ingredient.

26. – 29. (Canceled)

30. (Previously presented) The pharmaceutical composition according to claim 25 as an angiogenesis inhibitor.

31. (Previously presented) The pharmaceutical composition according to claim 25 as an antitumor agent.

32. (Previously presented) The pharmaceutical composition according to claim 25 as a therapeutic agent for treating hemangioma.

33. (Previously presented) The pharmaceutical composition according to claim 25 as a cancer metastasis inhibitor.

34. – 35. (Canceled).

36. (Previously presented) The pharmaceutical composition according to claim 25 as a therapeutic agent for inflammatory diseases consisting of deformat arthritis, rheumatoid arthritis, psoriasis, and delayed hypersensitive reaction.

37. (Previously presented) The pharmaceutical composition according to claim 25 as a therapeutic agent for treating atherosclerosis.

38. (Previously presented) The pharmaceutical composition according to claim 25 as a therapeutic agent for treating a solid cancer.

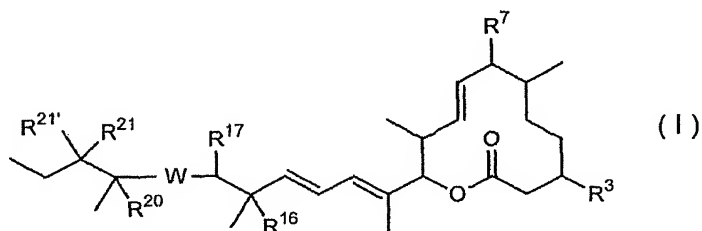
39. (Previously presented) The pharmaceutical composition according to claim 38, wherein the solid tumor is lung cancer, brain tumor, breast cancer, prostate cancer, ovarian cancer, colon cancer or melanoma.



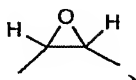
40. (Previously presented) The pharmaceutical composition according to claim 25 as a therapeutic agent for treating leukemia.

41. – 50. (canceled)

51. (Currently amended) A method for producing a ~~6-deoxy-111107~~ chemical compound, ~~characterized in that the method comprises~~ comprising: culturing a microorganism belonging to the genus Streptomyces, which is capable of producing a compound of the following chemical formula (I):

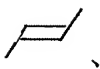


wherein [1] W is



R<sup>3</sup> and R<sup>21</sup> are a hydroxyl group, R<sup>7</sup> is an acetoxy group, and R<sup>16</sup>, R<sup>17</sup>, R<sup>20</sup> and R<sup>21'</sup> are a hydrogen atom or

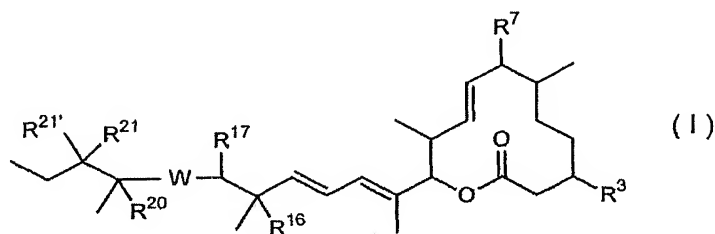
[2] W is



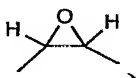
$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom; and collecting the compound as defined in [1] or [2] (~~hereinafter referred to as~~ “6-deoxy 11107 compound”) from the culture.

52. (Currently amended) *Streptomyces* sp. strain A-1543 (FERM BP-8442) ~~that is~~ capable of producing the 6-deoxy 11107 compound according to claim 51.

53. (Currently amended) A method for producing a 6-deoxy chemical compound by ~~biologically converting~~ bioconversion with a microorganism of a compound of the following chemical formula (I):

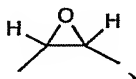


wherein [1] W is



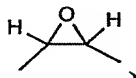
$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom (~~hereinafter referred to as "6-deoxy-11107B"~~) into a compound of the above formula (I), wherein

[3] W is



$R^3$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[4] W is



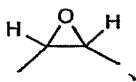
$R^{21}$  and  $R^{21'}$  form an oxo group together with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,  $R^3$ ,  $R^{16}$  and  $R^{20}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  is a hydrogen atom,

[5] W is



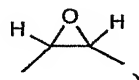
$R^3$ ,  $R^{16}$ ,  $R^{20}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  and  $R^{21'}$  are a hydrogen atom,

[6] W is



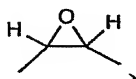
$R^3$ ,  $R^7$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[7] W is



$R^3$ ,  $R^{17}$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{20}$  and  $R^{21'}$  are a hydrogen atom or

[8] W is



$R^{21}$  and  $R^{21'}$  form an oxo group together with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,  $R^3$  and  $R^{16}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  and  $R^{20}$  are a hydrogen atom (these compounds are hereinafter referred to as “6-deoxy compounds”); comprising:

- 1) ~~a step that can conduct the biological conversion,~~ the a step of incubating a compound of the above formula (I) 6-deoxy-11107B in the presence of a culture solution of a strain selected from microorganisms belonging to bacteria or a product prepared from culture cells of the strain, and
- 2) collecting ~~a 6-deoxy~~ the resulting compound from the incubated solution.

54. (Original)The method according to claim 53, wherein the microorganism belonging to bacteria is strain A-1544 (FERM BP-8446) or strain A-1545 (FERM BP-8447).

55. (Currently amended) Strain A-1544 (FERM BP-8446) or strain A-1545 (FERM BP-8447) ~~which is capable of converting 6-deoxy-11107B into a 6-deoxy compound.~~